SmartFob Users Manual.

CANSEC SmartFob Transmitter Model Number SF2TXA.

The SmartFob is a transmitter that sends a radio frequency (RF) signal to a SmartFob SFR2RXA radio receiver. After the receiver verifies the data, appropriate action is performed by the RF receiver. For example, in an Access Control application an "electrically" controlled door could be made to open.

To use the SmartFob transmitter, the user must press one of the two pushbuttons found on the top of the unit. When a pushbutton is pressed and held in the depressed condition (ON) an RF signal is sent to the receiver, at the same time the Red LED found between the two pushbuttons will flash On and Off to indicate that RF data is being sent. When the required action is performed by the RF receiver, the user may release the pushbutton and the SmartFob ceases transmission of the RF data. NOTE: If a pushbutton is held in the ON condition for longer than 5 seconds (RF data being transmitted), the SmartFob ceases RF data transmission. If the receiver has not performed the required action in that time, the user must release the pushbutton that has been pressed. They may press the button once again to allow the SmartFob to send the data again to the receiver.

The SF2TXA SmartFob Transmitter is programmed with an individual identification code (ID). This programmed data is factory performed at CANSEC on an individual customer basis. This ID is placed into the on board memory storage device. When a Pushbutton is pressed on the SmartFob Transmitter, the pushbutton and its related ID data is sent via RF to the receiver.

Correct Hand placement of the SmartFob:

To eliminate the potential loss of the RF signal between the SmartFob and the RF receiver, it is advisable to keep the area in front of the Red LED free from all objects such as fingers or other keys if placed on a keychain. Thus if the key loop is held in the palm of the hand, use your thumb to press one of the two pushbuttons. It is important to note that at the RF frequency that the transmitter operates, a "clear line of sight" to the RF receiver will yield the best operating range between the Transmitter and Receiver.

Replacing the Battery in the SmartFob:

To replace the battery the user needs only to remove the screw found in the centre of the bottom cover. The "top" part of the SmartFob id then lifted away, exposing the unit for battery replacement. The battery is located near the key loop on

the bottom of the cover. The battery used in the SmartFob is 3 volt Lithium coin cell type of battery (2032). The coin cell battery is located in the coin cell "battery holder". Simply remove the old inserted battery and then insert the new battery in its place. (Note: Do not use excessive force or you may damage the battery holder. The Battery holder has an "end" stop which will be felt at the completion of the insertion of the battery.)

FCC Compliance Statement (FCC and IC)

1. FCC Information to Users @ FCC 15.21 & 15.105

For Class B Unintentional Radiators:

This equipment has been tested and found to comply with the limits for a Class B digital devices, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of more of the following measures:

- ***Reorient or relocate the receiving antenna***
- ***Increase the separation between the equipment and receiver***
- ***Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.***
- ***Consult the dealer or an experienced radio/TV technician for help.***

2. Warning to Users @ FCC 15.21 & 15.105

Warning: ***Changes or modifications not expressly approved by Cansec Systems Ltd. could void the user's authority to operate the equipment***

3) Industry Canada compliance statement:

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conform à la norme NMB-003 du Canada.